

WE CLAIM:

- 1 1. A method for creating one or more web pages from processed measurement
2 data, comprising:
3 providing at least one routine capable of accessing said processed measurement
4 data and generating said one or more web pages; and
5 running said at least one routine to generate said one or more web pages, said
6 one or more web pages including at least information representing said processed
7 measurement data.
- 1 2. The method of Claim 1, further comprising:
2 collecting raw measurement data obtained from a measuring device.

1 3. The method of Claim 2, wherein said steps of providing and running further
2 comprise:
3 creating a measurement program to process said raw measurement data to
4 produce said processed measurement data and generate said one or more web pages;
5 storing said measurement program on a web server;
6 entering a web address for said measurement program from a web browser to
7 access said measurement program; and
8 running said measurement program to produce said processed measurement
9 data and generate said one or more web pages to said web browser.

1 4. The method of Claim 1, further comprising:
2 providing at least one variable file associated with a variable of said processed
3 measurement data; and
4 generating said one or more web pages to include said at least one variable file.

1 5. The method of Claim 4, wherein said at least one variable includes at least
2 measurement information relating to said processed measurement data and user-defined
3 comments relating to an output of said processed measurement data.

1 6. The method of Claim 5, further comprising:

entering said at least one variable into at least one field on a web form;
entering file names associated with at least said processed measurement data,
said output and said one or more web pages into said at least one field on said web form; and
automatically creating said one or more web pages using the information
entered into said at least one field on said web form.

7. The method of Claim 4, further comprising:

saving said processed measurement data to at least one web-compatible data
file and at least one output of said processed measurement data to at least one web-compatible
output file; and
including links to said at least one web-compatible data file and said at least
one web-compatible output file in said one or more web pages.

8. The method of Claim 7, further comprising:

creating said at least one variable; and
providing at least one user-created first routine for saving said at least one
variable to at least one web-compatible variable file.

9. The method of Claim 8, further comprising:

providing at least one user-created second routine for saving said processed
measurement data to said at least one web-compatible data file, and

providing at least one user-created third routine for saving said output to said
at least one web-compatible output file.

10. The method of Claim 9, further comprising:

saving a file name of a user-created script for calling said first, second and third
user-created routines as a link within said one or more web pages.

11. The method of Claim 1, wherein said step of running further comprises:

including one or more graphics files capable of being displayed in-line and one
or more graphics files suitable for document creation in said one or more web pages.

12. The method of Claim 1, further comprising:

storing said one or more web pages on a web server for later retrieval and
viewing.

13. The method of Claim 12, further comprising:

accessing and viewing said one or more web pages using a web browser.

14. The method of Claim 1, further comprising:

providing at least one index creation routine capable of accessing said one or
more web pages and generating at least one index web page including at least a listing of said

4 one or more web pages.

1 15. The method of Claim 14, wherein said step of providing said at least one index
2 creation routine further comprises:
3 including a link to said one or more web pages within said at least one index
4 web page.

1 16. The method of Claim 14, wherein said step of providing said at least one index
2 creation routine further comprises:
3 including description information associated with said one or more web pages
4 within said at least one index web page.

1 17. A system for creating one or more web pages from processed measurement
2 data, comprising:
3 a processing engine capable of running at least one routine to access said
4 processed measurement data and generate said one or more web pages, said one or more web
5 pages including at least information representing said processed measurement data..

1 18. The system of Claim 17, further comprising:
2 physical measurement logic capable of obtaining one or more measurements;
3 and

4 data collection logic capable of collecting raw measurement data from said one
5 or more measurements, said processing engine being further capable of processing said raw
6 measurement data to produce said processed measurement data.

1 19. The system of Claim 18, wherein said at least one routine is a measurement
2 program configured to process said raw measurement data to produce said processed
3 measurement data and generate said one or more web pages, said processing engine being
4 further capable of storing said measurement program on a web server.

1 20. The system of Claim 19, wherein said measurement program is further capable
2 of being accessed by entering a web address for said measurement program from a web
3 browser, said measurement program being further capable of generating said one or more web
4 pages only to said web browser.

1 21. The system of Claim 17, wherein said processing engine is further capable of
2 including at least one variable file associated with a variable of said processed measurement
3 data within said one or more web pages.

1 22. The system of Claim 21, wherein said at least one variable includes at least
2 measurement information relating to said processed measurement data and user-defined
3 comments relating to an output of said processed measurement data.

1 23. The system of Claim 22, wherein said processing engine is further capable of
2 receiving said at least one variable entered into at least one field on a web form, receiving file
3 names associated with at least said processed measurement data, said output and said one or
4 more web pages entered into said at least one field on said web form and automatically
5 creating said one or more web pages using the information entered into said at least one field
6 on said web form.

1 24. The system of Claim 22, wherein said processing engine is further capable of
2 saving said processed measurement data to at least one web-compatible data file and at least
3 one output of said processed measurement data to at least one web-compatible output file and
4 providing links to said at least one web-compatible data file and said at least one web-
5 compatible output file within said one or more web pages.

1 25. The system of Claim 24, wherein said at least one variable is a user-created
2 variable specific to said processed measurement data or said output, said processing engine
3 being further capable of receiving said at least one user-created variable and using user-created
4 routines to save said at least one variable to at least one web-compatible variable file, said
5 processed measurement data to said at least one web-compatible data file and said output to
6 said at least one web-compatible output file.

26. The system of Claim 25, wherein said processing engine is further capable of saving a file name of a user-created script for calling said user-created routines as a link within said one or more web pages.

27. The system of Claim 17, further comprising a web server capable of storing said one or more web pages for later retrieval and viewing.

28. The system of Claim 26, further comprising a web browser capable of accessing and viewing said one or more web pages via said web server.

29. The system of Claim 17, wherein said processing engine is further capable of including one or more graphics files capable of being displayed in-line and one or more graphics files suitable for document creation in said one or more web pages.

30. The system of Claim 17, wherein said processing engine is further capable of using at least one index creation routine to access said one or more web pages and generate at least one index web page including at least a listing of said one or more web pages.